

INTERNATIONAL SEARCH REPORT

IB2004/051416

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61B8/08 G01S15/89 G06F19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61B G01S G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 2002/072671 A1 (ROUNDHILL DAVID N ET AL) 13 June 2002 (2002-06-13) paragraph '0040! paragraph '0053! - paragraph '0055! figure 15c -----	1-8, 11, 16, 17 9, 10, 12-15
A	US 2003/055308 A1 (EMERY CHARLES DALE ET AL) 20 March 2003 (2003-03-20) abstract paragraph '0073! - paragraph '0082! -----	1-17
A	US 5 465 721 A (KANDA HIROSHI ET AL) 14 November 1995 (1995-11-14) column 3, line 25 - column 8, line 22; figures 11, 12 ----- -/--	1, 4-6, 11



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

16 November 2004

Date of mailing of the international search report

24/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 5 107 838 A (YAMAGUCHI KOJIRO) 28 April 1992 (1992-04-28) abstract column 6, line 1 - column 8, line 55 -----</p>	1,11

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US 2003055308	A1	20-03-2003	NONE		
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			JP	7289545 A	07-11-1995
			JP	3489749 B2	26-01-2004
			JP	8000625 A	09-01-1996
			JP	3464533 B2	10-11-2003
			JP	8000627 A	09-01-1996
US 5107838	A	28-04-1992	JP	4218139 A	07-08-1992